

**A DOSAGE CALCULATION TABLE of
POLYFUNCTIONAL ADMIXES #1 AND #3 HYDROEFFECT
(weight = 1.3 gm/cm²)
for MIXING of CONCRETE**

<i>Quantity</i>								
cement kg	HYDROEFFECT Admix							
	% relatively to the weight of cement in the concrete mix							
	0,01%	0,02%	0,03%	0,05%	0, 1%	0, 15%	0,2%	0,3%
	corresponding number of HYDROEFFECT in kg							
1000	0,18	0,36	0,54	0,9	1,8	2,7	3,6	5,4
500	0,09	0,18	0,27	0,45	0,9	1,35	1,8	2,7
400	0,072	0,144	0,216	0,36	0,72	1,08	1,44	2,66
300	0,054	0,108	0,162	0,27	0,54	0,81	1,08	1,62
200	0,036	0,072	0,108	0,18	0,36	0,54	0,72	1,08
100	0,18	0,036	0,054	0,09	0,18	0,27	0,36	0,54
50	0,01	0,02	0,03	0,045	0,09	0,14	0,18	0,27

<i>Quantity</i>								
cement kg	HYDROEFFECT Admix							
	as % to the weight of cement in the concrete mix							
	0,01%	0,02%	0,03%	0,05%	0, 1%	0, 15%	0,2%	0,3%
	corresponding number of HYDROEFFECT in kg							
1000	0,234	0,47	0,7	1,17	2,34	3,5	4,7	7
500	0,117	0,234	0,35	0,585	1,17	1,75	2,34	3,5
400	0,094	0,19	0,28	0,47	0,936	1,4	1,9	2,8
300	0,07	0,14	0,21	0,35	0,7	1,05	1,4	2,1
200	0,046	0,092	0,14	0,234	0,46	0,7	0,92	1,4
100	0,023	0,046	0,07	0,117	0,234	0,35	0,46	0,7
50	0,012	0,023	0,035	0,06	0,12	0,175	0,23	0,35

Notes:

Typical doses of admix providing optimum properties of concrete are in the range (0.1 - 0.15)% by weight of the cement in the concrete mix. However, a specific value may depend on characteristics of the sand, gravel (particle size, surface properties, presence of baseness etc.). And if, for instance, preliminary practical testing will show that with the weight of cement of 200 kg, the best result will be obtained for 0.27% of the admix, then its necessary volume (in liters) can be easily obtained from the ratio:

0,1% - 0,54 liter admix (according to tables)

0,27% - X liter admix

$X = (0.27 \times 0.54) / 0.1 = 0.09 \times 0.1 = 0.9$ liters of admix